



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : ALAN D. FORD, et al.                      Art Unit : Unknown  
 Serial No. :    Examiner : Unknown  
 Filed : Herewith  
 Title : AN INFUSION PUMP WITH AN ELECTRONICALLY LOADABLE DRUG  
 LIBRARY AND A USER INTERFACE FOR LOADING THE LIBRARY

Commissioner for Patents  
 Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449. Under 35 USC §120, this application relies on the earlier filing date of application serial number 08/957,907, filed on October 27, 1997. The references listed on the attached forms PTO 1449 were submitted to and/or cited by the Office in the prior application and, therefore, are not provided in this application.

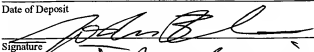
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I hereby certify under 37 CFR §1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

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 Signature

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Applicant : ALAN D. FORD, et al.  
Serial No. :  
Filed : Herewith  
Page : 2

Courtney's Docket No.: 00786-157003

This statement is being filed with the application. Please apply any charges or credits to  
Deposit Account No. 06-1050.

Respectfully submitted,

Date: \_\_\_\_\_

*June 8, 2001*

*Eric L. Prahl*

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# **Notice of References Cited**

Application/Control No.

08/957,907

Applicant(s)/Patent Under  
Reexamination  
FORD ET AL.

Examiner

John W Hayes

Art Unit

2761

Page 1

## **U.S. PATENT DOCUMENTS**

*		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	DOCUMENT SOURCE **	
							APS	OTHER
<input checked="" type="checkbox"/>	A	3,809,871	May. 1974	Howard et al	604	131	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	B	4,464,172	Aug. 1984	Lichtenstein	604	65	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	C	4,502,488	Mar. 1985	Degironimo et al	604	246	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	D	4,544,369	Oct. 1985	Skakoon et al	604	155	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	E	4,696,671	Sep. 1987	Epstein et al	604	67	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	F	4,741,732	May. 1988	Crankshaw et al	604	67	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	G	4,756,706	Jul. 1988	Kerns et al	604	66	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	H	4,853,521	Aug. 1989	Claeys et al	604	407	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	I	4,898,578	Feb. 1990	Rubalcaba, Jr.	604	66	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	J	4,925,444	May. 1990	Orkin et al	604	65	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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## **FOREIGN PATENT DOCUMENTS**

*		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS	DOCUMENT SOURCE **	
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<input checked="" type="checkbox"/>	N	0 364 010	Apr. 1990	Europe	Samiotes et al	A61M	5/14	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	O	0 497 041 A1	Aug. 1992	Europe	Samiotes et al	A61M	5/172	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	P	WO 88/10383	Dec. 1988	PCT	Crankshaw	A61M	5/20	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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## **NON-PATENT DOCUMENTS**

*		DOCUMENT (Including Author, Title Date, Source, and Pertinent Pages)	DOCUMENT SOURCE **	
			APS	OTHER
<input checked="" type="checkbox"/>	U	Bazal et al, "Recommendations for Specifications and Operator Interface Design for New Medical Infusion Pumps", Biomedical Instrumentation & Technology, 2:364-370, September - October 1992	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	V	Crankshaw et al, "How Should We Administer Intravenous Anaesthetic Drugs?", I.V. Anesthesia: What is New?, Vol. 5, No. 2, Chapter 4, September 1991	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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A copy of this reference is not being furnished with this Office action. (See Manual of Patent Examining Procedure, Section 707.05(a).)

\*\*APS encompasses any electronic search i.e. text, image, and Commercial Databases.

U.S. Patent and Trademark Office

PTO-892 (Rev. 03-98)

Notice of References Cited

Part of Paper No. 7

# **Notice of References Cited**

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2761

Page 2 of 4

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*		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	DOCUMENT SOURCE **	
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<input checked="" type="checkbox"/>	A	5,034,004	Jul. 1991	Crankshaw	604	67	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	B	5,078,683	Jan. 1992	Sancoff et al	604	67	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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PTO-692 (Rev. 03-98)

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Page 3 of 4

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## **NON-PATENT DOCUMENTS**

*		DOCUMENT (Including Author, Title Date, Source, and Pertinent Pages)	DOCUMENT SOURCE **	
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<input checked="" type="checkbox"/>	U	Glass et al. "Intravenous Drug Delivery Systems", Anesthesiology, Raven Press, 1991, pp. 23 and 34	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	V	Jacobs et al, "Technology for Continuous Infusion in Anesthesia", Intern. Anesth. Clinics, 1991.29(4) publication date, January 1992, pp. 39-49	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	W	CalVAS Brochure, October 14, 1992	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	X	S.H. Juhl et al, "Patient-Controlled Analgesia: A Technical Toy or a Contribution to the Treatment of Pain?", Anaesthetist, 1988 Aug;37(8): 543-550 (Abstract)	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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 PTO-892 (Rev. 03-98)

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Page 4 of 4

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*		DOCUMENT (Including Author, Title Date, Source, and Pertinent Pages)	DOCUMENT SOURCE **	
			APS	OTHER
<input checked="" type="checkbox"/>	U	G. Juhl, "The Infucommand: A PCA (Patient-Controlled Analgesia) Device Using Pulsoximetric Bolus Control", Anaesthesist, 1990 Apr:39(4):236-239 (Abstract)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	V	H. Suttman et al, "Computer-Controlled Infusion", Anaesthesist, 1988 Aug:37(8):558-561	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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A copy of this reference is not being furnished with this Office action. (See Manual of Patent Examining Procedure, Section 707.05(a).)

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U.S. Patent and Trademark Office

PTO-892 (Rev. 03-98)

Notice of References Cited

Part of Paper No. 7

Substitute Form PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
00786-157002Application No.  
08/957,907**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

Applicant  
Alan D. Ford et al.Filing Date  
October 27, 1997Group Art Unit  
2761

(37 CFR §1.98(b))

100672 PTO  
09/07/99  
06/08/01**U.S. Patent Documents**

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AQ	H. Suttman et al., "Computer-Controlled Infusion", ANAESTHESIST, 1968 Aug:37(8):558-61
	AR	
	AS	
	AT	

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
D0786/157D02SERIAL NO.  
DB/957,907INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use several sheets if necessary)APPLICANT  
Alan D. Ford et al.FILING DATE  
October 27, 1997GROUP  
3301

(37 CFR 1.98(b))

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	5	2 5 6 1 5 7	10/1993	Samiotes et al.			
AB	5	0 8 9 8 1	2/1992	Howson et al.			
AC	5	0 7 8 8 3	1/1992	Sancoff et al.			
AD	5	0 3 4 0 4	7/1991	Crankshaw			
AE	4	9 7 8 3 3	12/1990	Arthur, III			
AF	4	9 4 3 2 7	7/1990	Samiotes et al.			
AG	4	9 4 2 8 8	7/1990	Newman			
AH	4	9 2 5 4 4	5/1990	Drkin et al.			
AI	4	8 9 8 5 7	2/1990	Rubalcaba, Jr.			
AJ	4	8 5 3 5 2	1 8/1989	Chaeys et al.			
AK	4	7 5 6 7 0	6 7/1988	Kerns et al.			

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
AL	0 364 010	4/1990	Europe				
AM	0 497 041 A1	8/1992	Europe				
AN	88/10383	12/1988	WIPO				

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

AO	Bazara et al., "Recommendations for Specifications and Operator Interface Design for New Medical Infusion Pumps", BIOMEDICAL INSTRUMENTATION & TECHNOLOGY, 2:364-370 (Sep./Oct. 1992)					
	Crankshaw et al., "How Should We Administer Intravenous Anaesthetic Drugs?", I.V. ANESTHESIA: WHAT IS NEW?, Vol. 5, No. 2, Chapter 4, September 1991					
AP	Siemens MiniMed® Infusion System product literature, April 1992					
AQ	Harvard Apparatus, Syringe and Peristaltic Pumps, 1991, pp. 14-33					
AR						

EXAMINER

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SUBSTITUTE FORM PTO-1449  
(MODIFIED)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET  
00786/157002

SERIAL NO.  
08/957,907

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use several sheets if necessary)

APPLICANT  
Alan D. Ford et al.

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GROUP  
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(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA	7 4 1 7 3 2	5/1988	Crankshaw et al.			
	BB	4 9 6 6 7 1	9/1987	Epstein et al.			
	BC	4 5 4 3 6 9	10/1985	Skakoon et al.			
	BD	4 5 0 4 8 8	3/1985	Degironimo et al.			
	BE	4 4 6 4 7 2	8/1984	Lichtenstein			
	BF	3 8 0 9 8 1	5/1974	Howard et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
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OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	BH	Bard PCA II product literature, October 14, 1992
	BI	Siemens MiniMed® III Infusion System Life Support Systems product literature, October 14, 1992
	BJ	Omni-Flow 4000 Operations Manual, October 14, 1992
	BK	Glass et al., "Intravenous Anesthetic Delivery", ANESTHESIA, Vol. 1, 1990, pp. 367-388.
	BL	Glass et al., "Intravenous Drug Delivery Systems", ANESTHESIOLOGY, Raven Press, 1991, pp. 23 and 34.
	BM	Jacobs et al., "Technology for Continuous Infusion in Anesthesia", INTERN. ANESTH. CLINICS, 1991.29(4) publication date, January 1992, pp. 39-49
	BN	CAIWS brochure, October 14, 1992.

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Substitute Disclosure Form (PTO-14)

Substitute Form PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
00786-157002Application No.  
08/957,907**Information Disclosure Statement  
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(Use several sheets if necessary)

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October 27, 1997

Group Art Unit

(37 CFR §1.98(b))

PTO  
08/957,907  
00786-157002  
DC/08/001**U.S. Patent Documents**

Examiner Initial	Design ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,772,635	06/30/98	Dastur et al.			
	AB						
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**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Design ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
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	AL							
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	AO							
	AP							

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Design ID	Document
	AQ	S.H. Juhl et al., "Patient-Controlled Analgesia: A Technical Toy or a Contribution to the treatment of pain?", ANAESTHESIST, 1988 Aug;37(8):543-50 (English abstract only)
	AR	G. Juhl, "The Infucommand: A PCA (Patient-controlled analgesia) Device Using Pulsoximetric Bolus Control", ANAESTHESIST, 1990 Apr;39(4):236-9 (English abstract only)
	AS	H. Suttman et al., "Computer-Controlled Infusion", ANAESTHESIST, 1988 Aug;37(8):558-61
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Examiner Signature

/Ryan Jarrett/

Date Considered

05/02/2008

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